

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: 75A-3 continued...
Message-ID: <s23587f3.084@nms.com>

(continued from previous posting)

As I said before, the 75A-3 didn't look as bad once I got it home. That stuff that dripped inside the receiver at one time, left behind a corrosive pitting (like salt water damage) and a black - grey stain. After removing it from the cabinet, I expected to see the same condition on the bottom. No way! it was absolutely clean! The metal looks like the day it rolled off the Mfg. floor at Collins!. That "stuff" seems to only be on some of the top deck parts. I also noticed once the A3 was out of it's cabinet, all the paint damage-scratches blemishes were on the cabinet ..the front panel is almost perfect!...Things are looking better! Oh..what's this? there is a part missing! There is supposed to be some kind of bracket behind the main tuning knob that holds the main tuning shaft as it passes through the front panel (bearings? or just a piece of metal with a hole??) It's missing!!
Anybody got one of these and a main tuning knob? (same as 51J3 / 51J4??)

I started the painstaking job of cleaning that "stuff" off the chassis. Since this isn't the first time I've cleaned up a filthy BA mess, I had my army of cleaners ready!! Started with hot soapy water for the filth, then moved to "soft scrub" type cleaner then on to "Twinkle" for the corrosion. I couldn't even read the chassis lettering when I started, but now the sections I've cleaned shine almost like new!
The hard part will be getting in the tight spots like between the I.F. cans, etc. (I'm going to try different size dowels wrapped with rags, spun on end...) I don't want to remove every component on the chassis!

In my next post, I'll have some burning questions about...dial drums, St James Grey paint....etc...

If you have some comments, suggestions, tips, etc, post it to the boatanchors list so everyone can benefit and enjoy!! Keep the thread public on the list!!

Thanks & 73..... Glenn N2BJG GFINER@NMS.COM

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: mflicinski@VNET.IBM.COM
Subject: 75A-4 PTO needed
Message-ID: <199609101936.0AA07179@uro.theporch.com>

This for a friend...

Bill WF2A has caught the BA-bug really bad... he went out last weekend and bought a basket-case 75A-4 and needs a PT0. He'll probably need other stuff but the missing PT0 is sorta like a good place to begin if you want to bring an 'A4 back to life.

If someone can help, please email Bill at WF2Awdc@ibm.net. He'll be along here shortly when he finds \$12 to send in to Jack.

Thanks,

Mike Flicinski K2UXE
work: mflicinski@vnet.ibm.com
home: K2UXE@ibm.net

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: scotgray <scotgray@cwnet.com>
Subject: AM filter Wanted for Drake R4C
Message-ID: <3234D50B.ACE@cwnet.com>

Looking for a 4/6 or 8 KHz Plug-in filter for a Drake R4C.

Will pay cash or will swap one of the following: Collins 2.1 or Collins 4.0 KHz filters for the "S" line, or a Yaesu 300 KHz CW filter (cf:455.3 KHz).

73
Scott KD6CQ
scotgray@cwnet.com

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: Jay Coward <jayc@hpmsd2.sj.hp.com>
Subject: ARR-1 vs ZB-3
Message-ID: <9609101759.AA03794@hpmsd2.sj.hp.com>

Greetings,

Does anyone know if there is a difference between the AN/ARR-1 and the ZB-3?

TIA

73 Jay

--

NOTIFY PILOT BEFORE UNLOCKING AUTOTUNE

HEWLETT John Jay Coward 39201 Cherry Street MS NK10
PACKARD jayc@hpmsd2.sj.hp.com Newark, California 94560
Communications Components Division 510-505-5614 Fax 510-505-5560

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: arc5@ix.netcom.com (David Stinson)
Subject: ATTN: GF/RU, ARB COLLECTORS
Message-ID: <199609100611.XAA01815@dfw-ix9.ix.netcom.com>

Available to good home:
GF/RU receiver tuning head US Army Signal Corps
MC-125 parts unit. This is for replacing worn parts
in your GF/RU head. No dial or crank.
Present and good:
nomenclature plate, dial index and internal parts.
Trade for below. If no trades, then I will give it away
for the cost of shipping--about \$5. If more then one person
requests the unit, I will draw lots as is my custom
(and the only fair thing to do, BTW!).

Needed:
Dial index to fit the CRV-23253 ARB receiver
tuning head. Need the index piece that goes between
the screw-hole in the top and the center hub of
the tuning dial.

TNX ES 73 DE Dave Stinson AB5S
arc5@ix.netcom.com

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: aculbert@pps1-po.phyp.uiowa.edu
Subject: RE: AUDIO TRANSFORMER
Message-ID: <199609101817.NAA15375@ns-mx.uiowa.edu>

Mea Culpa,

Somebody yesterday was seeking an old audio transformer and in error, I deleted
the message.

Will the person seeking the Thordarson transformer contact me.

73,

Al, KOAL

allan-culbert@uiowa.edu

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996

From: Chuck Penson <penon@sci.mus.mn.us>

Subject: Back at work

Message-ID: <3235CA05.6746@sci.mus.mn.us>

Greetings, all...

Just a quick note to let you know that I am back from a swell vacation and looking forward to the next hamfest here in Mpls (end of Oct).

We had a great time and I even managed to dig up a real nice GC-1A (Mohican) receiver at a "barn sale" somewhere outside of Eugene OR. The only real tragedy while on the trip was that I missed the Reno hamfest--only because I didn't know it was happening! Guess I have to plan more carefully. Who the hell cares where the campground is--where is the hamfest!

--

Chuck Penson

WA7ZZE

penon@sci.mus.mn.us

612.221.4510 voice

612.224.5092 fax

<http://comped.sci.mus.mn.us>

Standard Disclaimer: The opinions expressed are etc. etc. ...

"Nothing is too wonderful to be true" -- Michael Faraday

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996

From: Mikhael Brown <mikhael@hpcmmmp13.sj.hp.com>

Subject: BC-610, 160 Meter?

Message-ID: <199609101418.AA073475105@hpcmmmp13.sj.hp.com>

I am still looking for a coil and tuning unit for the BC-610 for 160 meters. If anyone has one for sale or trade at a reasonable price let me know.

Mike N6WIG
San Jose, Ca

(510) 505-5582

--

mikhael@hpcmmp13.sj.hp.com

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: jproc@worldlinx.com
Subject: Ben Nock
Message-ID: <Chameleon.4.01.2.960909235542.jproc@>

Dear BA'ers,

I've just been contacted by Ben Nock, G4BXD who has just gotten on the Internet. For those of you who aren't familiar with his name, Ben has written at least two articles in CQ magazine relating to British and European BA's. That's his forte. His most recent article appeared in the July 1996 issue of CQ magazine.

I'm waiting to find out if he has heard of the BA group and enticing him to join up. Ben's knowledge would certainly be welcomed as an valuable resource to the group.

Regards,

~~~~~  
Jerry Proc VE3FAB  
E-mail: jproc@worldlinx.com  
Radio Restoration Volunteer  
HMCS Haida, Toronto Ontario  
~~~~~

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: scotgray <scotgray@cwnet.com>
Subject: Drake "C" line Tuning fix!
Message-ID: <3234D361.52B5@cwnet.com>

I posted on rec.radio.equip:

"I have a mint Drake R4C receiver. Works Great. I also have a Drake TR-4 which I recently purchased at a swapfest. The TR-4 seems to have been built during the "B" line era; Tuning knob has the 1 KHz markings on the Dial Skirt. The "C" line has a concentric window still announcing a 1 KHz resolution. My question is about "backlash" or a tighter, less smoothing feel on the "C" line, whereas the R4, R4A, TR-4 and R4B have a much smoother feel. Is this normal for the "C"? Can it be fixed?"

Got many helpful responses. Thanks to all who responded!

The Fix:

Backlash: took apart the PT0 and found the nut at the end of the ferrite tuning rod loose. Used a light application of epoxy. Made sure it was very dry put the PT0 back together. Problem gone.

Tight or Sticky tuning:

Tried tightening the bearings on the PT0 tuning shaft, turning the shaft back

and forth a few times, then backing off the tension (done with a 3/32 allen

"long") be careful not to back off too much or you'll get a lesson in bearing finding and repacking (This was suggested by Drake). Also, took the nylon

gears apart and applied various lubricants. The lubricants made the gears even

stick and jerk more!. Noticed the two larger gears on the shaft that attach to the 1 and 100 KHz dials were sticking together. Worked the gears apart, cleaned out the remaining lubricant. Still sticking but not as bad. Pulled the gears apart again and carefully began (gently) sanding the inside nylon gear hole with 300 sandpaper. Success!!! Now tunes as smooth as the R4 A/B, can't tell them apart blindfolded.

73

Scott KD6CQ scotgray@cwnet.com

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996

From: michael.moore@24stex.com

Subject: Drake mystery solved

Message-ID: <9609100733.0AMIR00@24stex.com>

Thanks to everyone who made suggestions about my T4XB that did not work in CW mode. Barely touching the mode switch contacts while key down found area with the problem. Deoxit cured it!

Mike...K6SQJ

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: "Douglas R. Wiese" <wiese@MR.Net>
Subject: EICO 720 schematic wanted
Message-ID: <199609110129.UAA09045@riverside.mr.net>

Need schematic, op manual for EICO 720 transmitter, copies OK, usual cost reimbursements of course. Thanks!

73 Doug Wiese - WB0YDD
email wiese@mr.net or wb0ydd@juno.com

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: Al Klase <alklase@prolog.net>
Subject: Eimac Tube ID
Message-ID: <199609101119.HAA19059@ns1.ptd.net>

Gentlemen,

Anybody have info on an Eimac power tube marked 4PR60B? I have three of these that could possibly be available, but I need to know what they are first.

73,
Al
Al Klase - N3FRQ
alklase@prolog.net
Flemington, NJ

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: aa4rm%amos@mathcs.emory.edu (AA4RM's)
Subject: Re: Eimac Tube ID
Message-ID: <9609101502.AA04639@amos>

They're 'soft' pulse modulators with a huge amt. of filament power & little plate dissipation.

Lotsa insulation tho

Used for short-range radar where pulse rate was too great for hydrogen thyroidtron.

Might be handy for the tail warning radar in ur B36.

M

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
Subject: F.S. TMC GPR90 RX

MINT condx--excellent sensitivity and calibration. In original
Blue-Green cabinet. 400.00 incl UPS 48 States

Dave W9MPD 702-294-2666

----- Forwarded message ends here -----

* * * * *
* NOTE: The message above is a re-post from the newsgroup rec.radio.swap. *
* All replies *must* go to the person making the post, not me. *
* * * * *

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: FS Radar receiver R-54/APR-4 with TN-17/APR-4
Message-ID: <A3877ZWMBQ8USF*/R=OUVAXA/R=A1/U=POST/@MHS>

Radar receiver R-54/APR-4; 125-DAY-45-RC for 80 or 115 volt. Includes
tuning unit TN-17/APR-4. Has 3 wire power cord for 115 AC with original
power connector. Looks good to very good in the cosmetics outside. Looks
beautiful inside. Has several Allen wrenches hanging on clips inside.

Don't quite know what this does, (other than the obvious, radar receiver
covering the VHF spectrum) or how to check out its operation. It has a
headphone jack, so I assume you can monitor a received signal. Tell me how
to check it out and I will attempt to do so.

Has several stamp marks such as "Bail 5-10-55" (several different dates
from '55). What does "Bail" mean? This unit was built in 1945 (tuning unit
also) and probably would feel at home in the Confederate Air Force. Comes
with antenna connector adapters (binding post to PL-259 adapter and SO-239
to antenna plug adapter.(Is that an "N" jack?)

Anyone sense a strong need to own this? Don't know what this is worth but it can't be worth 3 digits. So, the first bid of \$99 plus UPS owns it. Highest offer of less than that (plus shipping) will be seriously considered.

73 de Rich KB8TAD <rpost1@ohiou.edu>

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: FS: Multi-Elmac AF-68
Message-ID: <01I9BV02XPS800431C@ACS.EKU.EDU>

I cleaned it a bit, cleared up the plastic dial cover so you can read the numbers (toothpaste and baking soda), aligned a badly out-of alignment VFO. Tried it on AM and worked North Dakota on 40 meters (from Kentucky) - putting out about 40 watts...

Case condition is very good. Front panel about a 6 on a scale of ten: some light rust along the lower part and around switches. Three of the knobs are missing the chrome inserts. A crystal socket has been neatly added in the far upper left front corner, connects directly to one of the two internal crystal sockets (select VFO - XTAL 1 - XTAL 2 with front panel switch)

Multi-Elmac AF-68 transmitter, 80 thru 6 meters; plate modulated two 6L6's to a 6146. With manual copy. Needs 6 or 12 volts, 250 VDC, up to 500 VDC -- \$75 plus shipping

With Elmac M-1070 power supply and homebrew power cord, \$100 plus shipping (PS does both AC and DC; not checked out on DC).

Time to move to the next project...

73, Al N5AIT
modsteph@acs.eku.edu
Allan Stephens
Richmond, Kentucky

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: WJoew@aol.com
Subject: FS: National FB-7 and FBX
Message-ID: <960910003214_198146000@emout04.mail.aol.com>

I have the following I would prefer to sell as a lot:

One FB-7, very nice condition
One FBX, very nice condition
One doghouse power supply
2 sets-14Mc coils (4 coils)
1 set-7 Mc coils (2 coils)
1 set 10 Meter coils, homemade (2 coils)
Odd coils: 1.7 Mc Osc,
 "D" homemade gen coverage Osc

I am asking \$750 for the lot, shipped to your CONUS address.

Joe, N5ZYA

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: Bob Rolfness <rsrolfne@atnet.net>
Subject: FS: Vibra-Daptor Model VB-2
Message-ID: <3235F1A3.3D1@atnet.net>

Greetings All

Did I just find the thing for those who have everything tube tester types. Its a small metal box 1.5 by 1.5 by 3 inch with an octal socket on one end and 3 pin and 4 pin sockets on the sides and two lamps on the top. The decal label says: SENCORE Model VB-2 Vitra-Daptor. Checks 3 and 4 prong vibrators. Set any tube checker to 6AX4 or 6SN7 for 6 volt vibrators and 12AX4 or 12SN7 for 12 volt vibrators. LAMPS: SAME BRILL - GOOD, UNEVEN BRILL - QUESTIONABLE, ONE OR BOTH DO NOT LIGHT - REJECT.

The item looks new, but just what I don't need. What say \$20 and I'll pay the postage anywhere.

73's Bob W7VZX

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: kenc@smartdocs.com (Ken Corwin)
Subject: FT-277A Command Receiver Rack (2-Receiver)
Message-ID: <199609110053.RAA06157@warp10.smartlink.net>

Command Set Enthusiasts:

Several yellow-tagged Western Electric FT-277A 2-receiver racks, which are

individually boxed and appear to be new, are available for \$15 each from Michael Ryback.

Cash or check will be required--no plastic. Michael can be reached by email at michael@ktb.net.

These racks are unpainted, have threaded black plastic covers over the four sockets, and the nameplate is a decal. There are NO shock mounts.

CONTACT MICHAEL RYBAK AT michael@ktb.net PLEASE DO NOT CONTACT ME.

Ken Corwin (kenc@smartdocs.com) Santa Clarita, Calif.

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: F.S. TMC GPR90 RX
Message-ID: <79606.ddillman@igc.apc.org>

----- Forwarded message begins here -----

From: Dave Floyd <radio@anv.net >
Newsgroups: usenet.rec.radio.swap
From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: Harddrive crashed
Message-ID: <3234B3E7.7DA7@ghgcorp.com>

Dear folks, had a harddrive crash early this evening. While reading incoming mail, my harddrive card decided to give up right in the middle of a write, causing an energized head to be pulled across the platters... It does this occasionally and a reseal of the H/D controller fixes it. I'd get a new card, but I am cheap! :-). After letting Win95 fix itself, which was pretty impressive, errors for the first three boots but works fine now on the fourth.

I don't *THINK* I lost any incoming mail, but if you have written me something in the last 24 hours and don't hear from me by next Monday, please write again.

Thanks and sorry for the inconvenience.

73,
Ben (saving up for a Pentium)

--

From the computer of | Collector of fine firebottle
Benjamin D. Hall, Houston Texas | equipment, as well as other things
BDHall@GHGCorp.com -or- | involving Earth, Air, Water, and
BHall@GP802.JSC.NASA.gov | Fire.

"When you clock the human race with the stopwatch of history, it's a new record every time."

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: "Douglas R. Wiese" <wiese@MR.Net>
Subject: Heath MR-1 tube nomenclature
Message-ID: <199609110129.UAA09042@riverside.mr.net>

I picked up a set of Heath MR-1/MT-1 mobile separates at a hamfest recently. I also keep a separate database of the tubes in my rigs sorted by tube number and the V1, V2, V3..... numbers off the schematic. This is very handy when I need to sub a tube and can find it right away out of a known working unit. I also take it along for seeing what to stock at hamfests when I run into a bargain. Looking at the condensed manuals and schematics I got with the units I find that the schematic for the MT-1 transmitter has the usual black circle/white letter all Heath fans know and love. Very easy to pick out V1 etc. The MR-1 has no V-series identifiers on it. Searching the book, block diagrams etc. yields no joy. I wonder if anyone on the list has the full manual, and if so could check for the existence of this nomenclature. It seems very odd that they would do the xmtr but not the receiver.

73 Doug Wiese - WB0YDD
email wiese@mr.net or wb0ydd@juno.com

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: d.buska@aaiate.com
Subject: Hickok Tube Caddy Pal - FREE!
Message-ID: <96Sep10.073713cdt.15373@gateway.aaiate.com>

While going thru a box of meters and miscellaneous stuff that I picked up at Elgin I came across a Tube Caddy Pal for a Hickok Model 820. I have no use for this item and I'm not really sure what or how it is used. I figured that someone in BA land might have a need for it so I offer it here free. Just send a message stating why you need it and if more than

one message is received I'll decide who gets it based on who appears to be the needest.

Detailed description:

Metal plate with 11 wired tube sockets (2 - Octal, 5 - 7 pin, and 4 - 9 pin sockets). All tube socket wiring goes to a six pin connector (only 5 wires used) that is similar to an octal socket in size, but has shorter pins. The plate measures approximately 2.25 X 11.25 inches. There is a small hole in the lower right side of the panel labeled PRESS FOR TRANSISTOR GAIN.

Labeling: Tube Caddy PAL
Tube-Transistor Tester-VTVM
Hickok Model 820
The Hickok Electrical Instruments Company
Cleveland 8, Ohio
Made in U.S.A.

If no one needs it, back to the junk box it goes.

73

Don N900

```
*****
**                                     **
** Don Buska N900                    Principal Engineer      **
** d.buska@aaiate.com                Advantest America Inc.  **
** Kenosha, Wisconsin               Buffalo Grove, IL       **
** (414)654-0072                     (847)821-3393           **
**                                  fax (847)634-2872         **
**                                     **
** ARRL-LM    AWA    AMI    CCA    QCWA    CSVHFS    NTMS    **
**                                     **
** Wants: Transmitters by Thordarson, Stancor, UTC and      **
**          other transformer companies.                     **
**          National NC-101XA w/speaker                      **
*****
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From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: rsolomon@cctds.textron.com
Subject: HT-2A Info Pse
Message-ID: <9608108423.AA842370794@cctds.textron.com>

I know this is not BA material, but this is where I got the info on their availability; now that the Mea Culpa is done... Anyone who got one of these have Xtal specs so I can order some, they came sans Xtals. Tnx es 73, Dick, W1KSZ.

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: Re: HT-2A Xtal Info
Message-ID: <19960910.211902.4439.3.k7yha@juno.com>

Dick & anyone else who needs xtal info on the Hallicrafters HT-1/HT-2 hand(?)helds:

Just call Jan Crystals. They have ALL the data you will need. They maintain a listing of rigs and appropriate xtal ordering info.

73 rich K7YHA

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: JIM_ALLEN@HP-Cupertino-om5.om.hp.com
Subject: Invader 2000
Message-ID: <H000030e05d3bf4e@MHS>

Item Subject: cc:Mail Text
For those of you who will be at the last Foothill Meet in Los Altos, CA this Saturday.

I'll be bringing my Johnson Invader 2000 for your viewing pleasure. I might also have some very nice National gear. My KW Desk is in my shack as of last night (thanks to K0E00 and KD6KDR) and there's no more room :(

Just look for a maroon Chevy Van with a sad face behind the table.

See you there,

Jim

KC6VWV

ps Invader is \$900 (it's near mint) or make me an offer. Checks accepted. I'll even help you load it.

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996

From: MODSTEPH@ACS.EKU.EDU
Subject: It works!!
Message-ID: <01I9AHTJ37QQ003WTW@ACS.EKU.EDU>

After this evening's Radio Club picnic I came home and finally fired up the SX-111/AF-68 combo. I decided to go for it: AM on 40 meters... Tuned up on 7290 and heard no one around so called "CQ" for a while. I DID get an answer: a guy in North Dakota (on SSB using an HW-101) who told me those three little words: "real good audio." This with 30 watts AM...

Plate modulation: two 6L6's to the 6146. Anyway, my first phone contact with the critter, and maybe its first phone contact for many, many years...

Just wanted to share - the XYL does her best to appear happy for me, but figured you guys would appreciate it. Another BA resurrected!!

73, Al N5AIT
modsteph@acs.eku.edu

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: RE: Learavian
Message-ID: <A3914ZWMBDHRDS*/R=OUVAXA/R=A1/U=POST/@MHS>

Bob KE0T asked,

>Anyone know what a Learavian radio is? Picked up one from a
>The odd thing is that this radio has a Mike jack! Can't see anything
>that looks like a transmitter, but what in the heck does a portable
>receiver need a mike jack for?

I've got one of these (Learavian RM 402C. Circuit is in Sams 42). The mike jack is for an intercom. I assume pilot to co-pilot.

Yeah I know! Seems far fetched and you don't believe me!

Check out the the new product column in Electronics, July 1941, page 88. The column does not mention model number but does mention the three bands and the intercom feature.

What's the condition of the cloth cover on your radio?
BTW, does anyone have a manual for this radio? I know Bob does not (or he wouldn't be asking about the mike jack!)

73 de Rich KB8TAD <rpost1@ohiou.edu>

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: Russell_Schroeder@xn.xerox.com (Schroeder,Russell G)
Subject: Looking for parts...
Message-ID: <"<7E7635328190677C>7E7635328190677C@X-WB-0207-MS2.XN"@-SMF->

Hollowstaters,

I picked up an unmodified command transmitter at the AWA meet in Rochester, NY, this last week. I would like to find a mating power connector for the unit rather than "butcher" the interface. Anyone have a spare connector?

I am also looking for a command receiver tuning knob, either the spinner variety or the metal knob that came attached to the cover on some of the receivers. I have managed to kluge up some plastic shafts but would like to get a real thing.

Finally, I would like to find a set of four shock mounts for a TCS receiver / transmitter.

Thanks for reading this note and checking your junk-boxes.

73 Russ W2DYY

Russell_Schroeder@xn.xerox.com

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: w5tvw1@juno.com (Elliot "Sandy" V Blaize, Jr.)
Subject: Looking for.....
Message-ID: <19960909.225808.7791.0.w5tvw1@juno.com>

OK all you E.F.Johnson addicts out there...

I'm looking for a small skirted Maroon Johnson knob. On the skirt it has 0-9 or 0-10 (can't remember) thru 270 degrees. Same size as the ones calibrated 0-100 over 180 degrees on the Ranger Drive and PA tune controls. (For my old Viking 500)

Now one for you key collectors.....

I need a weight for a Vibroplex "Champion" or "Lightning Bug"

that uses the flat pattern vibrating arm. Chrome or grungy, it doesn't matter! Vibroplex-Mobile doesn't have any!

Any out there?

73,

E. V. Sandy Blaize, W5TVW

Boat Anchors collected, restored, modified, traded and used!

w5tvw@juno.com -or- ebjr@worldnet.att.net

417 Ridgewood Drive, Metairie, LA., 70001

Looking for 860 tetrodes and a Hallicrafters SR-75

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996

From: "David L. Thompson" <thompson@mindspring.com>

Subject: Marty's web page and pictures

Message-ID: <199609100243.WAA20026@itchy.mindspring.com>

Hey Marty and Gang,

Looked at the Prater's Mill pictures. Looked good, but they took about 14 minutes to load on my lowly 486.

The real quiz is to identify all the gear in the background.

hey I liked those BC-611 handsets. We had several of the handsets (I still call them walkie talkies) that we used for the 1960 Miss America welcome home parade in Natchez, Miss.

(Was much younger then).....

I took one and walked along with the Miss America float.

We operated 3870Khz. Only problem is the receiver overloads easily and W5WYN with his Elmac 50 watter overloaded mine and all I heard was splatter. K5TKK about 1 mile away had to relay until I got far enough to read (about 1200 feet).

At night you could hear W8's, W0's etc but talk range was probably only 5 miles day and 2 miles nite. (With the built in whip.)

Dave K4JRB

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996

From: jproc@worldlinx.com

Subject: RE: Matched Tubes in BA Amp, experimental results

Message-ID: <Chameleon.4.01.2.960909233830.jproc@>

> if your determined to have brightly red glowing tubes in your amp, I
>will send you these tubes and you can do so, but I think the time has come
>for some new tubes, for both of us really....

Larry,

In the PV500 model HM2 and HM3, Marconi actually installed a small viewing window in the front of the transmitter which would allow the operator to view the condition of the tubes in the final RF stage. Most navy operators ignored the meters and the procedures and simply tuned the finals so the plates glowed cherry red. In other instances, they would tape a small florescent tube directly to bare transmission line (if installed) and peaked the finals so the tube glowed to maximum brilliance.

So much for the scientific approach to matters :-)

Regards,

~~~~~  
Jerry Proc VE3FAB  
E-mail: jproc@worldlinx.com  
Radio Restoration Volunteer  
HMCS Haida, Toronto Ontario  
~~~~~

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: "David L. Thompson" <thompson@mindspring.com>
Subject: RE: Matching tubes, is it worth it?
Message-ID: <199609100330.XAA24934@itchy.mindspring.com>

Here are some answers to Barry Ornitz's reply to matching tubes:

>Dave K4JRB said
>> Several big gun Dx/Contesters (with all sorts of amps and tubes) have run
>> matched tubes (generally 3-500Zs or 3CX800's) and then run new tube that
>> were not matched before plugging them in. The result they report is
>> not worth the extra money and effort.
>
>Barry replied
>I don't want to start a Holy War here, but big gun DX/Contesters are the
>_LAST_ people I would go to for advice on power tubes. Tubes like a pair
>of 3-500Z's or 3CX800's, if run at legal power levels, should last the
>typical ham many, many years. If these guys are swapping tubes early in

>the game, it ought to say something about how they abuse them.

Most of the poeple I know who own big stations are extremely thrifty and run power tubes for at least the rated life. I used them as example as they have found that matching tubes is usually not worth the effort. Few swap tubes early.

>Barry said:

>Dave then argued that matched tubes only produces a little extra power
>output over unmatched tubes at the 1500 watt output level. That is
>probably true but this has NOTHING to do with why you want to run matched
>tubes.

Bill Orr stated that one of the reasons hams match tubes is to maximize the output for the stated voltage/current.

>

Barry said:

>Matched tubes should be used for two reasons: good tube life, and low
>distortion. Tube life is probably fairly easy to understand. By
>reasonably matching paralleled tubes, they draw approximately equal
>currents and share the load equitably. Thus each tube is run within its
>ratings and no single tube is called on to handle an excessive load. In
>this manner, the better tube is not overloaded to the point that it
>degrades and loses emission to drop its transconductance and match the
>"weaker" tube.

I agree. The question is whether paying the premium for matched tubes is worth it and on most Eimac tubes its not. If someone like WA4DRU offers matched tubes for the regular price then go for it. Again I am only expressing an opinion not a proven fact deemed a fact after extensive testing.

>

Barry said:

>The distortion issue is entirely different. This is where I would avoid
>ANY advice a big gun DX/Contester might give. Their only concern is to be
>LOUD. Fidelity and clean sound go out the window with speech processing.
>I would hope that the Boatanchor crowd is more concerned with spectral
>purity, good fidelity, and transmitting an exemplary signal than just
>being LOUD. [One local DX/Contester has asked me a number of times to
>build him an amplifier with one of my industrial triodes capable of 20 KW
>PEP output. So far, integrity has prevailed over cash.]

>

True there are some who will go to any length, but don't brand all contesters and Dxers as throwing out spectral purity...some are fanatic on having the cleanest signal and LOUD does not mean the signal is not clean. This is on both CW and SSB.

We need to go back to real applications of AM in the 1950's to see that good fidelity

is not always what we want whether we are working DX or calling a net and want to be heard across several states. AM clippers (that most of us used) gave the signal punch and they were usually built into our modulator drivers. This made good sense because 20 or 75 meters were full of strong signals and broadcast quality as we called it then only worked on bands with no QRM. The pattern was filled in a little more, but spectral purity, signal width, and splatter was no worse than the 100% modulated signal with high fidelity.

.Barry said:

>With matched tubes, less intermodulation distortion is possible. In fact,
>for the cleanest signal, a SINGLE tube is to be preferred to two tubes in
>parallel (push-pull linear operation is marginally better still).
>

I agree..thats why I run a single 8877 today (and I only need 60 watts to run full power).
Thats why I ran a single 4-400 on AM and CW in 1959.

With regards to sweep tubes, I agree that on 10 meters matching helps and some rigs like the Galaxy III and V had to be neutralized every time you changed tubes.

All I was trying to bring to the table is the opinion that matched tubes are often not worth the effort. Please don't confuse LOUD with improper operation. My DX-35/VF-1 was far from being perfect...it FMed, jumped frequency, and certainly was not loud.

Dave K4JRB

BTW: The instructions for the TBW-5 set carbon mic were:

1. Plug in the mic
2. Hold the mic near your mouth
3. Push the button
4. Speak loudly

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996

From: "Barry L. Ornitz" <u856010@eastman.com>

Subject: More on tube matching

Message-ID: <Pine.ULT.3.91.960910193209.17754B-100000@dua150.kpt.emn.com>

On Tue, 10 Sep 1996, David Thompson wrote:

> Here are some answers to Barry Ornitz's reply to matching tubes:

> >Barry replied

> >I don't want to start a Holy War here, but big gun DX/Contesters are the
> >_LAST_ people I would go to for advice on power tubes. Tubes like a pair
> >of 3-500Z's or 3CX800's, if run at legal power levels, should last the
> >typical ham many, many years. If these guys are swapping tubes early in
> >the game, it ought to say something about how they abuse them.

>

> Most of the poeple I know who own big stations are extremely thrifty and run
> power tubes for at least the rated life. I used them as example as they
> have found
> that matching tubes is usually not worth the effort. Few swap tubes early.

I will stick by my original statement. As a class of amateur radio operators (I am not stating ALL DXers/Contesters fall in this class), I believe the choice of DXers/Contesters as role models for how to treat tubes and amplifiers is a poor one indeed. Look at the rated life of most tubes like the 4CX250B, 4CX1500A, and even the newer Svetlana 4CX1600B. These tubes are rated for typically 5000 hours of continuous, full-power operation. How many of us ever run tubes this way except broadcasters? (And most broadcast tubes by Svetlana are rated for 12,000 hours.) If you run your tubes within their ratings, as specified by the manufacturer, these are the typical lifespans you can expect. Considering the typical duty cycle of amateur operation, a power tube in the 1500 watt dissipation category should last a LOT longer than the typical big gun DXer/Contester is able to get.

> Bill Orr stated that one of the reasons hams match tubes is to maximize the
> output for the stated voltage/current.

And Bill has also stated many times that matching is needed to reduce distortion too. Read Bill's famous article in Ham Radio magazine on "Full-Blast Amateur Operation of Sweep Tubes" to see just how scathing his comments are on the linearity of sweep tubes. Eimac/Varian over the years has developed a number of special grid designs, found in their newer tubes, that minimize intermodulation distortion - but only if a single tube is used. Read Bill's comments about the 3-1000Z versus the pair of 3-400Z's (and later 3-500Z's). These smaller tubes were used by amateur radio manufacturers because of cost - not distortion, considerations. Likewise, read Bill Orr, Ray Rinauldo, and Bob Sutherland's comments about always using a tuned-input circuit on a grounded-grid amplifier - both to improve IMS levels by 4 to 5 decibels, but also to protect the driver's output stage from excessive current. How many commercial amplifiers came without a tuned-input?

> I agree. The question is whether paying the premium for matched tubes
> is worth it and on most Eimac tubes its not. If someone like WA4DRU offers
> matched tubes for the regular price then go for it. Again I am only
> expressing
> an opinion not a proven fact deemed a fact after extensive testing.

High power transmitting tubes, as a general rule, are made to closer manufacturing tolerances than receiving tubes (and the 807/6146 falls into the receiving tube category along with sweep tubes). Thus there is often less need for matching. Eimac, however, still recommends individual bias adjustments for paralleled tubes for best results. See what Orr says about using pairs of tubes from different manufacturers - the ultimate in mismatching, in his early publications on "Transmitting Tubes - How to Use and Abuse Them".

> True there are some who will go to any length, but don't brand all
> contesters and Dxers as throwing out spectral purity...some are fanatic
> on having the cleanest signal and LOUD does not mean the signal is not
> clean. This is on both CW and SSB.

I agree - not ALL. LOUD does not also always equate with high power either. The use of speech processing, etc., done to increase "punch" is always at the expense of spectral purity. Decreasing the peak to average power ratio in a SSB signal by means of speech processing places even harder demands on the intermodulation distortion characteristics of the final amplifier.

> We need to go back to real applications of AM in the 1950's to see that good
> fidelity
> is not always what we want whether we are working DX or calling a net and
> want to be
> heard across several states. AM clippers (that most of us used) gave the
> signal punch and they were usually built into our modulator drivers. This
> made good sense because 20 or 75 meters were full of strong signals and
> broadcast quality as we called
> it then only worked on bands with no QRM. The pattern was filled in a
> little more, but
> spectral purity, signal width, and splatter was no worse than the 100%
> modulated signal with high fidelity.

This is only partially true if the AM transmitter had adequate filtering to remove the harmonics generated in the audio clipping process. Many did not. But also remember that this was AM. Single sideband is an entirely different situation when processed speech is used. Look at the bandwidth when a square-wave is fed into an SSB transmitter. Theoretically the PEP to average power ratio becomes infinite. The transmitter bandwidth must be infinite too to handle the full Fourier spectrum of the square wave. In practice, rather than theory, overly processed audio into even the best

SSB transmitter creates a much wider bandwidth signal.

> With regards to sweep tubes, I agree that on 10 meters matching helps and
> some rigs like the Galaxy III and V had to be neutralized every time you
> changed tubes.

With the present supply of tubes currently available to hams (and this includes even newly manufactured ones by overseas manufacturers), neutralization is a MUST every time a final amplifier tube is swapped. Not doing this is asking for trouble.

> All I was trying to bring to the table is the opinion that matched tubes are
> often not worth the effort.

If you are trying to transmit the cleanest signal and achieve the longest tube life, matching is well worth the effort.

> Please don't confuse LOUD with improper operation.

As long as you understand that high power does not necessarily mean LOUD either. I believe that we must meet good engineering standards - even with our old rigs. While the old gear may be grandfathered by not having to be type approved or accepted, we still must meet current spectral purity and bandwidth standards.

> My DX-35/VF-1 was far from being perfect...it FMed, jumped frequency, and
> certainly was not loud.

My own DX-35/VF-1 did not FM but it did jump frequency occasionally and had this annoying habit of drifting about 5 kHz in 3 seconds every time it first began transmitting (it was stable after those 3 seconds). At the time, I considered this barely acceptable. Today I would consider it unworthy of being placed on the air without correcting these problems.

I find it very interesting that good linearity was stressed so much in the early days of amateur SSB. QST always showed the two-tone test signals and measured the IMD of rigs submitted for their review. I never favored CQ and especially 73 because of their "who cares about the linearity - it's cheap" attitude. [Of course, I began my reading of these magazines in the mid-1960's. I really miss Ham Radio magazine and its push for technical excellence and state-of-the-art. QST is no longer the place for technical articles and Communications Quarterly is a shadow of HR.]

The only real difficulty about matching low power transmitting tubes is the requirement that you have an adequate number to select from. I once bought 25 new RCA 6JB6A's and went through transconductance matching of the lot (early 1970's). I got three matched sets of three (TR-3, TR-4), and about seven matched pairs. One tube was a complete dud with low

emission. It took less than 20 minutes to test the entire lot. Remember that matching is more important than picking the tubes with the highest transconductance. If your hamfest tube dealer has a good tester available, match your tubes there. Otherwise, find some friends who use the same finals and work out a swap. While the 6146 may be fairly plentiful, sweep tubes are becoming more scarce. Why waste part of the life of the remaining ones by not matching them?

At this point, I think I have beaten on this subject more than I cared to, so I plan to go on to more fun areas...

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: "Douglas R. Wiese" <wiese@MR.Net>
Subject: Multi-Elmac AF-68 schematic needed
Message-ID: <199609110129.UAA09050@riverside.mr.net>

Picked up a Multi-Elmac AF-68 Trans-Citer recently. Very clean but I don't know much about it. Can anyone know the story on this model. Need power pinout and p/s requirements for Jones plug, schematic/manual, copy OK, will reimburse expenses for copying/postage etc.

73 Doug Wiese - WB0YDD
email wiese@mr.net or wb0ydd@juno.com

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: jmillier@teleteam.net (Jay H. Miller)
Subject: Old Inductor Catalogs
Message-ID: <v01510102ae5a36a23344@[199.34.24.13]>

I need the specifications on the following inductors if anyone out there has access to commercial transformer manufacturer's catalogs of the 1950s:

Chicago Transformer Company	R-7150	Choke
	CMS-3	Modulation Transformer
	SR-500	Splatter Choke
	FO-53	Filament Transformer
	FV-1010	Filament Transformer
Stancor	A-4765	
	C-2317	Choke
U.T.C. (United Transformer Company)	S-51	Power Transformer

All I really need are the voltages, current ratings and inductances

(chokes). Don't need the size and weight stuff.

Any help would be greatly appreciated.

Thanks!

```
***** #*****# *****
Jay H. Miller, KK5IM           Dallas, Texas
The Pocket Guide to Collins Amateur Radio Equipment
AMI#846           Collins Collectors Association
                jmilller@teleteam.net
***** #*****# *****
```

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: don merz <71333.144@CompuServe.COM>
Subject: Parts, Knobs, 73 Magazines FS
Message-ID: <960910032817_71333.144_DHB65-9@CompuServe.COM>

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

NC-300 parts: It's all here except for cabinet and tubes. Main
tuning knob: \$15. Diamond knobs: \$8 each. All other knobs except
RF Gain: \$4 each. Dial drum: \$15. E-mail for other parts.

73 Magazine. Some of these are rippled at the edge from exposure to
moisture.

1961: 11, 12: \$2 each

1962: 1,2,3,4 (2 copies),6,7,8,9,11,12: \$1.50 each

1964: 1,3,4,8,9,11: \$1 each

1965: 5,7,8,9,11,12: \$1 each

1966: 1 (2 copies),5,6,7 (2 copies),8 (2 copies),9,10,11,12: \$1 each

1967: Complete: \$12

1970: 4,7,8,9: 50 cents each

1973: 7: 50 cents

1975: 2,3,6,7,8,9,10: 50 cents each

The Principles Underlying Radio Communication, U. S. Army Signal Corps
Radio Communication Pamphlet No. 40. Second edition, May 24, 1921. 600
pages. Covers spark, the various alternator schemes, crystal sets
and early tubes. Fun reading. Excellent condition. \$22

Hallicrafters knobs: These are the plain plastic fluted knobs with no skirt
and no insert used on all the low-end radios, S-38, S-40 and things like
the SP-44. Large tuning knob: \$8. Small knobs (volume, band switch, BFO,

etc.): \$5 each. 3 to sell.
Hallicrafters S-38 chassis. Cabinet is an unrestorable mess. But chassis and dials are in good shape. Unmodified. Untested and assumed to be unworking. This is the original S-38 with no suffix--the one with the 6 tube circuit. \$12

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: RAO-5 Speaker, new home
Message-ID: <2.2.32.19960910145402.00738cc4@marlin.nosc.mil>

The RAO speaker has moved to John Kolb's house to be in the company of its kin.

Ed Zeranski ejz@marlin.nosc.mil, work
ezeran@cris.com home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No person, employer, or govt. should try to take credit for it!

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: Re: Re: BA Tube Exchange
Message-ID: <A3890ZWBS2X0P*/R=OUVAXA/R=A1/U=POST/@MHS>

>Are TV tubes tubes with non-standard filament ratings of any value these
>days?

Back in my earlier days of repairing antique radios (1929 superhet RCA in a Westinghouse cabinet) and not knowing that 27's were still fairly common, I made an adapter or two for 3 volt tubes as found in TV tuners etc. Worked fine. I figured triodes and crippled pentodes (working as tetrodes) designed for VHF and UHF would not mind working at 175 KHz IF with 2.5 volts on filament. No ear-discernible difference between the subs and the real thing.

Save those 5 volt tubes for the future when 01A's get expensive.

Who could have guessed that lowly 6V6GT's and 12AX7's would climb in price as they have?

Rich <rpost1@ohiou.edu>

Visit the Webpage for the Museum of Radio and Technology
<http://www.library.ohiou.edu/MuseumR&T/museum.htm>
also Boatanchor Pix
<http://ouvaxa.cats.ohiou.edu/~post/PIX/BA.HTML>

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: wb6zwc@ns.net
Subject: Round Emblem
Message-ID: <199609101352.GAA10822@tomcat.ns.net>

Hi gang:

Need a Collins Round Emblem.

Guess that's it!

=====

Richard@Sacramento,Ca.

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: tomrice@netcom.com (Tom R. Rice)
Subject: Serious problem needs help (long)
Message-ID: <199609110004.RAA21544@netcom12.netcom.com>

This is a repost from the GlowBugs list, It concerns a topic which I feel is of considerable importance, on a par with the "What'll happen to my stuff when I croak" topic. After all, they ain't making this stuff anymore. Comments (or flames) invited.

Recently my ham club had an auction. One of the members had died and left all his radio stuff to the club.

There were some modern items, and they sold for good prices. A trader bought two tables of tubes, presumably getting a bargain; but then he will have to sit on the collection until somebody comes along wanting to buy a tube here and there. And there was some test equipment and ex-military gear in pretty good shape that sold well - tube testers especially. And there were some boxes of resistors, capacitors, etc. that sold.

Now the rest of the stuff - this guy was a builder! Everything he built was really ugly, nothing you'd want to take home and use even if you could figure out how to get it working. But he built more stuff than I could imagine building in a lifetime. So there were more butchered up command sets and power supplies and coils and variable condensers and stuff than you could imagine. Must have been a dozen or more tuning units for BC-375, almost all converted to some other use, and buckets and buckets of parts from more of same. And after the stuff that sold well, it got down to a dollar for everything on that table, and you have to take everything on the table, and then we're loading up a trailer to take to the dump, so grab out anything you want now.

Now if we ever do this again, and chances are we will be doing it again some time, what should we do? If I had known there was so much old stuff there I would have tried to advertise the sale to the boatanchor crowd; but I didn't know what there was until the night before the sale when I helped haul it to the sale site. We thought about hauling the leftovers to a flea market, but decided there was too much to haul and it was too junky looking to be worth the haul anyway.

From: haynes@cats.ucsc.edu (Jim Haynes)

My reply: -

W6NTU, Bob Carter, died and his family, non-hams, invited me to clean out Bob's rathole before a new tenant moved in. Bob, too, was a builder and the stuff was pretty ugly and, with no schematics and such, hopeless to try to use. But Bob built his stuff with quality parts and for a long time I had a ball taking it all apart and cleaning it up. Triplett and Gruen meters, ca. 1940, variable condensers in all sizes, power resistors, tubes and sockets, knobs, dials, etc., etc.

Now, when I build a rig, it not only has Thirties circuitry, it has Thirties-quality parts and appearance.

So my comment would be, without rancor, that this club blew it, big time. Much valuable stuff has been lost, forever, because someone couldn't take the time to salvage. (Even if you only save a big ceramic HV shaft coupler, that's gonna be useful to someone, someday.)

The solution? A sort of SCORE, BA & GB-oriented:
Salvage Corps of Retread Enthusiasts, or something.

I'll volunteer to do this sort of thing in the greater
SF Bay area. I have time, I have land (but little
covered space) and I have tools, knowledge and a
Diesel pickup truck. My services are available
for a reasonable share of the loot!

Comments invited.....

73 de WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice
tomrice@netcom.com
CIS: 71160,1122

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: korky <korky@nando.net>
Subject: TBX-8 Manual needed
Message-ID: <Pine.SUN.3.91.960909230831.13688C-1000000@merlin.nando.net>

Hi Fellers

Name hr is Tim yet I'm also known in dese parts of Raleigh NC as the other
half of the NA4G/N4IQA boatanchor boys. I'm rather new at this e-mail bizness
but have been playing wid the firebottles and associated components since
1944. Am in need of a manual for a TBX-8, either original or readable copy.
Will gladly reimburse any cost. Current e-mail address is valid thru 9/30
when Nando is going QRT. Will have new supplier by 10/01. Look forward to
reading the mail daily and posting as needed as soon as I clean up the mess
that Fran dumped on me.

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: Jay Coward <jayc@hpmsd2.sj.hp.com>
Subject: TCS questions and sighting
Message-ID: <9609101717.AA03711@hpmsd2.sj.hp.com>

Greetings to the BA Group,

I finally got to set up my TCS and get it playing. It's not
a matched set and could use some cleaning up but the tx and rx

have survived the years and are working quite well. However, the front panel of the rx has some kind of mottled staining in finish. I tried using Turtle Wax Rubbing Compound in an inconspicuous area under the tuning chart but all I accomplished was a nice shine. The stain is still there. Has anyone seen this or better yet has anyone ever reinished this type of panel? All the lettering and fiduciaries are raised metal.

Next question: This tx uses parrallel 1625s in the final for CW but only one 1625 on Phone. Why is this?

BA Sighting: You can see a TCS in action in the movie "In Harm's Way" when John Wayne tries to talk Kirk Douglas into turning back from his unauthorized scouting mission. Another BA that I couldn't recognize is in the scene where John Wayne is visiting nurse Patricia Neil in her apartment.

Desparatly Seeking: C-29 control box for ARC-5, GF tx and mount, shock mount for ARB and BC-348, remote control and cable and antenna loading coil and hardware to vertically stack the TCS, any control heads for ARC type 12, control head for AN/ARN-59.

Thanks in advance.

73 Jay KE6PPF

--

NOTIFY PILOT BEFORE UNLOCKING AUTOTUNE

HEWLETT	John Jay Coward	39201 Cherry Street	MS NK10
PACKARD	jayc@hpmsd2.sj.hp.com	Newark, California	94560
Communications Components Division		510-505-5614	Fax 510-505-5560

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: Paul Thekan <Paul.Thekan@pgtp.varian.com>
Subject: Tektronix Scope manuals FS
Message-ID: <2.2.16.19960910124353.0a5f2e1c@eimac.cpii.com>

Hello all

Have the following Tektronix scope manuals for sale. Postage paid.

\$10.00 ea:

543B

543/543A

544
532
545
531
RM15
RM545
547
531A
Type "0" plug in

\$5.00 ea:

Type "P" plug in
Type 53/54 plug in

Thankyou
Paul N6FEG

Paul Thekan - Speaking for Himself
Paul.Thekan@pgtp.varian.com

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Re: tube xref/ 6100/6C4
Message-ID: <199609102131.RAA14090@answerman.mindspring.com>

At 02:30 PM 9/10/96 -0500, Joseph W Pinner KC5IJD wrote:
>5750 = 6BE6
>6100 = 6C4
>

I had a transmitter/exciter with a 6146 final that used 6C4 doublers and triplers. W5DYJ (a master builder now residing in Gretna, LA) asked me to try the 6100 as a replacement for 6C4. It worked OK on 80, but on 15 and 10 we ran into key clicks and instability. Don't remember all the details as this occurred in about 1961. He got a whole box of premium tubes and wanted to see how they worked versus the design tube (as he called it). I do remember the transmitter design came from that 500W transmitter in the handbook with 6C4's, 5763, then the 6146. We made a separate amp with a 4-400 instead of the 813. W5DYJ built the VFO and it

was stable, stable, stable!!!

Bottom line is that should tread carefully on using premium or special designated tubes.

Reminds me of the guy who plugged in the dark heater version of the 6146 into his Ranger I.

He made a 90 mile trip to Swan Distributing in Jackson, MS to get a new 6146 and replaced two caps in the Ranger.

73, Dave K4JRB

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996

From: "Cathy Elizabeth D'Entremont" <cdent@tenet.edu>

Subject: tube xref?

Message-ID: <Pine.OSF.3.91.960910114300.18129A-100000@beall.tenet.edu>

Hey Ya'll:

Anybody got the cross-ref for a 5750 and/or 6100? They may be in the archives but I'm over-looking if they are.

TIA and 73, Gerald D'Entremont WA5TVM
cdent@tenet.edu

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996

From: Al Klase <alklase@prolog.net>

Subject: Re: tube xref?

Message-ID: <199609101816.0AA10945@ns1.ptd.net>

At 11:53 AM 9/10/96 -0500, Gerald D'Entremont wrote:

>Hey Ya'll:

> Anybody got the cross-ref for a 5750 and/or 6100? They may be
>in the archives but I'm over-looking if they are.

>

6100 [AKA M8080] min. triode, premium 6C4 (GE, MU, SY)(9-18-53)
i.e., made by GE, Mullard, and Sylvania. Date is earliest know
reference in electronics publications.

5750 Pentagrid Converter, high-reliability 6BE6 (GE, RCA, SY, TS) (3-17-50)

The above info is quoted from my galley proof of Ludwell Sibley's
new book "Tube Lore" as described in John Dilks' recent post.

Al Klase - N3FRQ
alklase@prolog.net
Flemington, NJ

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: "Joseph W. Pinner" <kc5ijd@dns1.net-connect.net>
Subject: Re: tube xref?
Message-ID: <199609101932.0AA20414@dns1.net-connect.net>

5750 = 6BE6
6100 = 6C4

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@net-connect.net or kc5ijd@aol.com

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: "Richard A. George" <wa6jox@rain.org>
Subject: tubes fs
Message-ID: <Pine.SUN.3.94.960909192502.2423B-1000000@coyote.rain.org>

I have several transmitting tubes for sale all prices include shipping
CONUS UPS. These are all tested pulls

4-400a's \$35.00 ea
filament xformers for above (will run 2ea) \$35.00
chimmneys for above \$20.00 ea
ceramic sockets for above \$20.00 ea
air system sockets for above \$35.00

i also have 150 dipped silver mica assortment all new US made packed in
plastic containers. \$25.00

please reply direct e-mail K6kWQ Dick

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: "W.J. Ford Surplus Enterprises" <testequipment@falls.igs.net>
Subject: Wanted: Manuals for AVO Valve Characteristic Meter Type 3
Message-ID: <199609101258.IAA13247@host.falls.igs.net>

Greetings All,

I am looking for copies of the AVO Valve Data Manual, Supplements, and Working Instructions for the AVO Type 3. Any help will be appreciated.

Thanks in advance & regards,
Ron Ford
W.J. Ford Surplus Enterprises
21 Market St. N.,
P.O. Box 606
Smith's Falls, Ont. K7A 4T6, Canada
phone: (613)283-5195
fax:(613)283-0637

<<<WE HAVE MOVED>>>

Our New URL is :

<http://www.falls.igs.net/~testequipment/>
testequipment@falls.igs.net

email:

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: Dave Hockaday <wb4iuy@ipass.net>
Subject: wow...Fran kicked my butt!
Message-ID: <199609101644.MAA26580@passport.ipass.net>

Any other BA'rs get storm damage?? I'm finally on via a generator, probably won't get power until friday week (no water from community system until then either)!!! Most of my big oak shade trees fell (23!!), shop and a little home damage, nearly all antennas down, but all boatanchors high and dry...

PS...we now have a baby squirrel that fell out of its nest in the storm. If anyone has any tips on raising this varmit, please email me directly.

73 de Dave Hockaday WB4IUY
Youngsville, NC
wb4iuy@ipass.net
<http://www.ipass.net/~hockaday/>

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: Joe Serocki <JSEROCKI@allstate.com>
Subject: wow...Fran kicked my butt! -Reply

Message-ID: <s2358098.051@allstate.com>

Lunch?

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: "Walter Fairclough" <wfairclo@netcom.ca>
Subject: Wrinkle/Crackle Pain
Message-ID: <199609101727.NAA13904@tor-srs1.netcom.ca>

Can anyone tell me where I can find black wrinkle paint (aersol) in Canada.
Trying to refinish a Hallicrafters S19R receiver.

Thanks

Walter

Walter Fairclough
Manotick, Ontario
wfaircl@netcom.ca

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: "D. Ragsdale" <doragsda@oboe.aix.calpoly.edu>
Subject: Re: Wrinkle/Crackle Pain
Message-ID: <9609101821.AA15483@mailbox.calpoly.edu>

If you have a Harley Davidson dealership nearby, they have a nice black
wrinkle spray paint that I've had good luck with.

Dave.

At 12:30 PM 9/10/96 -0500, you wrote:
>Can anyone tell me where I can find black wrinkle paint (aersol) in Canada.
>Trying to refinish a Hallicrafters S19R receiver.
>
>Thanks
>
>Walter
>
>Walter Fairclough
>Manotick, Ontario
>wfaircl@netcom.ca
>
>

David Ragsdale, R.E.H.S.

Risk Management

California Polytechnic State University, San Luis Obispo, CA
du651@oasis.calpoly.edu or doragsda@cymbal.aix.calpoly.edu

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: paz <paz@world.std.com>
Subject: Re: Wrinkle/Crackle Pain
Message-ID: <Pine.3.89.9609101415.A2887-01000000@world.std.com>

On Tue, 10 Sep 1996, Walter Fairclough wrote:

> Can anyone tell me where I can find black wrinkle paint (aersol) in Canada.
> Trying to refinish a Hallicrafters S19R receiver.
>
> Thanks
>
> Walter

Gee, when I read this, I thought someone else was having the same trouble as me - getting the old, sticky, gooey black wrinkle paint OFF! Sanding gums up the sandpaper in no time, stripper just sits there & doesn't do anything.

cheers-
=paz=

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: Re: Wrinkle/Crackle Paint
Message-ID: <Pine.OSF.3.91.960910134428.30303D-100000@gaston.tenet.edu>

Krylon makes a crinkle paint. Chief Auto sells it around here. I suspect most other Krylon dealers either sell it or can get it. I don't know how well it works. Most of the stuff that I have ever used was made, I think, my Illinois Bronze. It worked very well but, once you had used it, you could not keep the can for long as the nozzle and supply tube would inevitably clog up.

You need to paint when it is HOT outside as the stuff crinkles faster. Also, be sure and test it on something useless before doing something important as the thickness determines the amount of crinkle and must be controlled fairly accurately. I have even refinished OD WW-II radios this way and then sprayed them with the proper final color as the OD

crinkle is no longer available.

Perhpas someone here on the list has used the Krylon and can tell us how well it works.

Lenox, WA50VG

klccarru@tenet.edu

From boatanchors@theporch.com Tue Sep 10 12:15:11 1996
From: Mikhael Brown <mikhael@hpcmmp13.sj.hp.com>
Subject: WTB BC-610 Junct. Bx and Cables
Message-ID: <199609101416.AA073335010@hpcmmp13.sj.hp.com>

Still looking!

Need help comleting the restoration of my BC-610. I am in need of the cables which go from the transmitter to the speech amp and from the speech amp to the JB-70 Junction box. I also need the JB-70 junction box.

If you have any of the above, let me know. (510) 505-5582 or e-mail me.

73

Mike N6WIG

--

mikhael@hpcmmp13.sj.hp.com

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: "michael d. ferraro" <ferraro@ix.netcom.com>
Subject: WTB: Oil Cap 8mfd @ 3 KV
Message-ID: <199609101957.MAA29522@dfw-ix12.ix.netcom.com>

It was the 4th of July in my Johnson Desk Kilowatt the other night !! Blew a hole in the top of this filter cap.

Does any one have one of these caps or close to it ?

73's de K6ZSR " Mike in Montecito "

From boatanchors@theporch.com Tue Sep 10 21:37:45 1996
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Re: WTB: Oil Cap 8mfd @ 3 KV
Message-ID: <2.2.32.19960910213930.00767ed0@marlin.nosc.mil>

>
>Does any one have one of these caps or close to it ?

>73's de K6ZSR " Mike in Montecito "

>
> Last month I went to a place called Grand Junquetion in Virginia
Beach, VA. They had lots of big HV caps in the shelves at the rear of the
store. Perhaps a BAer in the area could check the stock. Just a thought.

>
>
>
>
Ed Zeranski ejz@marlin.nosc.mil, work
ezeran@cris.com home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No
person, employer, or govt. should try to take credit for it!